

Title (en)
CORYNEBACTERIUM GLUTAMICUM MUTANT STRAIN HAVING IMPROVED L-GLUTAMIC ACID PRODUCTION ABILITY, AND METHOD FOR PRODUCING L-GLUTAMIC ACID USING SAME

Title (de)
MUTANTER CORYNEBACTERIUM-GLUTAMICUM-STAMM MIT VERBESSERTER L-GLUTAMINSÄUREPRODUKTIONSFÄHIGKEIT UND VERFAHREN ZUR HERSTELLUNG VON L-GLUTAMINSÄURE DAMIT

Title (fr)
SOUCHE MUTANTE DE CORYNÉBACTÉRIUM GLUTAMICUM PRÉSENTANT UNE CAPACITÉ DE PRODUCTION AMÉLIORÉE D'ACIDE L-GLUTAMIQUE ET PROCÉDÉ DE PRODUCTION D'ACIDE L-GLUTAMIQUE L'UTILISANT

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Abstract (en)
[origin: EP4105331A1] The present invention relates to a Corynebacterium glutamicum mutant strain having increased L-glutamic acid productivity, a method for constructing the same, and a method of producing L-glutamic acid using the same. The Corynebacterium glutamicum mutant strain is a strain into which a mechanosensitive ion channel gene derived from a Corynebacterium sp. strain has been introduced, and thus it can produce L-glutamic acid in an improved yield due to enhancement of glutamic acid release. Therefore, when the mutant strain is used, it is possible to more effectively produce L-glutamic acid.

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Citation (search report)
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• See also references of WO 2021162189A1

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